AND SCREENING ASSAYS THEREFOR

Express Mail No. EV336652965US

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ANT2m	TACTTCCCCACCCAGGCTCT[]AACTTCGCCTTCAAGGATAAGTACAAGCAGATCTTCCTGGG[]GGTGTGGACAAGAGAAC	320
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ANT3m	TGGATTTTGCCAGAACCCCGCCTGGCAGCQGAACGTCAGGGAAAAGTJCAGGCAACAGCGCGAGGTTCCCGAGGCCTGGGAGACTGC	480

Fig. 1A

AND SCREENING ASSAYS THEREFOR

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ANT3m	CTGGTGAAGATCACCAAGTCGGACGGCCATCCGGGGCCTGTACCAGGGCTTCAGTGTCTGCGTGCAGGGCATCATCATCTA	560
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ANT3m	CCCGGCCGCCTACTTCGCCGTGTTACGATACGCCCAAGGCCCAAGGACCCCCAAGAACACGCACATCGTGGTGAGCT	640
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ANT3m	GGATGATCGCCCAGACCCGTGCCGTCCGTCCGTCCGTCCG	720 797
ANT1m ANT2m ANT3m	CAGTCCGGCCGAAAGGAGCCGATTATTTATGTACACGGGGACAGTTGACTGCTGGAGGAAGATTGCTAAAAGGACCCCAGTCAGGGGCGCAAAGGAAGCTGACATCATGTACACAGGGCGCACACGGTTGACTGGTGACATCATGTACACAGGGGCGCACACGGTTGACTCGTTGACACGGGCGCAAAGGAAGATCTTTCAGACATCATGTACACGGGCACCCTGTTGACTCGTTTGACACGACATCATGTACACGGGCACCCTTGACTTGACACGGCGAAGATCTTTCAGAGATGAGGCGGGGCGCACCCTTTTTAGAAGATCATGACACATCATGTACACGGGCACCCTTTTTTTAGAAGAAGATCTTTCAGAGATGAGGCGGGGGAAGATCATGAGACATCATGACACATCATGTACACGGGCACCCTTTTTTTT	800 800
ANT1m	CAAGGCCTTCTTCAAAGGTGCCTTGGTCCAATGTQCTGAGAGGCATGGGCCGGTGCTTTTGTATTTGTGTTGTTGTATGATGAGA	877
ANT2m ANT3m	CAAAGCITTITTCAAGGGTGCATGGTCCAATGTTCTQAGAGGCATGGGTGGTGCTTTTTGTGCTQTGTCTTGTATGATGAAAACCAAGGCCTTCTTCAAGGGTGCGTGGTCCAAAGGTQCTCCAAAGGTCCTCGTCGTCGTCGTCGTCGTAQGAQGAACCAAGGCCTTCTTCAAGGGTGCTCGTCGTTGTTAQGAAQGAACCAAGGCCTTCTTCAAGGGTGCTCGTCGTTGTTAQGAAQGAACCAAGGCCTTCTTCAAGGGTGCTCGTTGTTAQGAAQGAACCAAGGTCCTTCTTCAAGGGTGCTCGTTGTTAQGAAQGAAQGAACCAAGGCCTTCTTCAAGGGTGCTCGTTGTTAQGAAQGAAQGAACCAAGGCCTTCTTCAAGGGTGCTCGTTGTTAQGAAQGAAQGAACCAAGGTCCTTCTTCAAGGGTGCTCGTTGTTTAAGGAAQGAAQGAACCAAGGCCTTCTTCAAGGGTGCTCGTTGTTAAAGGAAQGAAQGAACCAAGGTCCTTCTTCAAGGGTTGCTTGTTAAAGGAAQGAAQGAACCAAGGTCCTTCTTCAAAGGGTTGCTTGTTAAAGGAAQGAAQGAACCAAGGCCATGGGTGGTGCTTCTTTCTTCAAGGAAQGAAQGAAQGAACCAAGGCCATGGGTGCTCTTTTTGTTGTTGTTATGATGAAAAAAAA	880 880
ANT1m	TCANNANTATGTCTAA 894	
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Fig. 1B

AND SCREENING ASSAYS THEREFOR

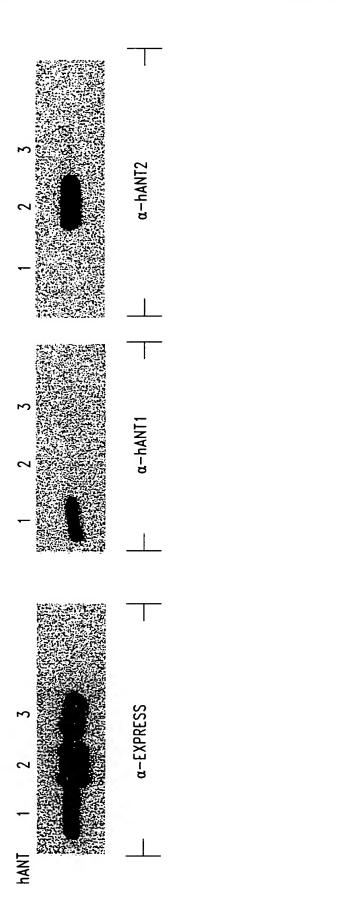
Express Mail No. EV336652965US

Inventors: Christen M. Anderson et al.

Docket No. 660088.443C1

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HANT3p	GGVDKHTOFWRYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGKSGTI	150
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HANT1p HANT2p HANT3p	YTGTDCWRKIARDEGGKAFFKGAWSNVLRGMGGAFVLVLYDEIKKYT.	298 299 299

Title: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR Express Mail No. EV336652965US



rig. 3

AND SCREENING ASSAYS THEREFOR Express Mail No. EV336652965US

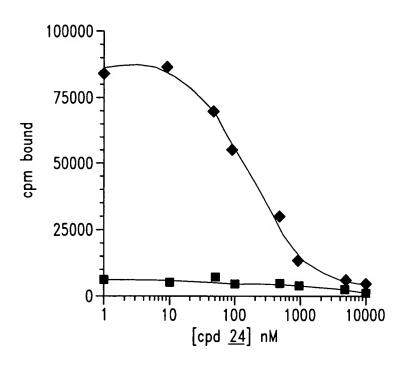


Fig. 4

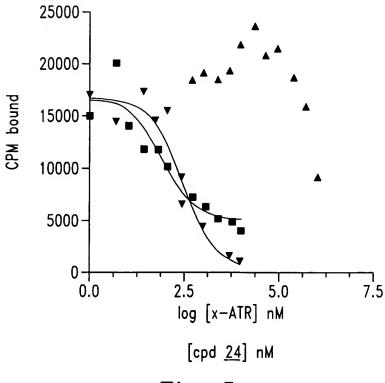
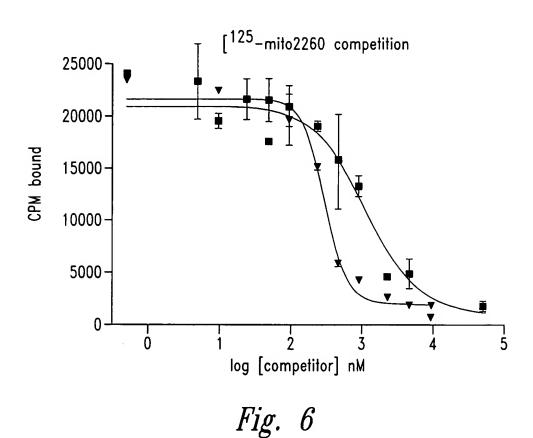


Fig. 5

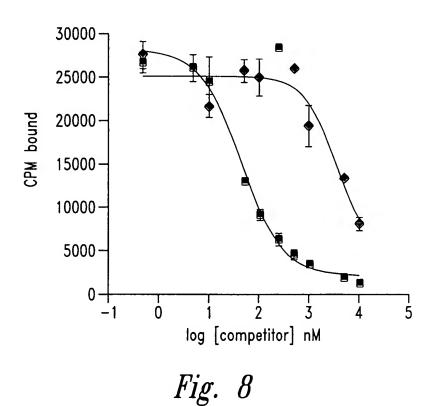
Title: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR Express Mail No. EV336652965US



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Fig. 7

AND SCREENING ASSAYS THEREFOR Express Mail No. EV336652965US



# Sy5y

# Bovine, Cardiac

10000

C-ATR (nM)

Fig. 10

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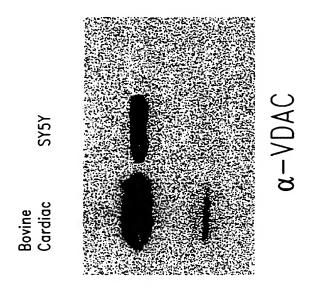
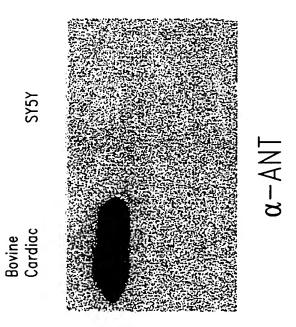


Fig. 9



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